



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/929,032	08/15/2001	Charles R. Barker JR.	MESH015	1879

24273 7590 11/15/2006

MOTOROLA, INC
INTELLECTUAL PROPERTY SECTION
LAW DEPT
8000 WEST SUNRISE BLVD
FT LAUDERDAL, FL 33322

EXAMINER

PHAM, BRENDA H

ART UNIT	PAPER NUMBER
----------	--------------

2616

DATE MAILED: 11/15/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

57

Office Action Summary	Application No.		Applicant(s)	
	09/929,032		BARKER ET AL.	
	Examiner		Art Unit	
	Brenda Pham		2616	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 October 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,2,5-8,10,11,15-18,21-23,25-27,30-33,36-38,40-42,45 and 46 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) 1,2,5-8,10,11,15-18,21-23,25-27,30-33,36-38,40-42,45 and 46 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

**BRENDA PHAM
PRIMARY EXAMINER**

11/12/06

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892) *Brenda A. Pham* 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

1. Claims 1-2, 5-8, 10-11, 15-18, 21-23, 25-27, 30-33, 36-38, 40-42, 45-46 currently pending in the application.

Response to Arguments

2. Applicant's arguments filed 10/30/06 have been fully considered but they are not persuasive. Applicants argued in the REMARKS (page 15) that Trompower et al (US 6,275,477) in view of Lee (US 6,535,493) take singly or in combination do not anticipate the access points being all within the same broadcast network. Examiner respectfully disagrees because at least Trompower et al teach the arguable feature. Trompower et al disclose a campus area pager system 110 for providing paging services within the cellular communication system 100. Specifically, the pager system 110 includes a pager server 112 directly coupled to the system backbone 104, and a plurality of paging devices 114 ("pagers") for receiving pages...Each pager 114 is designed to be carried by a respective user as the user moves about a geographic region 116 covered by the communication system 100." (see column 4, lines 50-61). Trompower et al indeed teach the arguable feature. Examiner respectfully believes Trompower et al in view of Lee et al (US 6,535,493) teach and render obvious all the claim limitations. Therefore, the rejection remains stand.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-2, 5-8, 10-11, 15-18, 21-23, 25-27, 30-33, 36-38, 40-42, 45-46 are rejected under 35 U.S.C. 103(a) as being unpatentable over TROMPOWER et al (US 6,275,477 B1) in view of LEE et al (US 6,535,493 B1).

Regarding claims 1-2, 5-8, 10-11, 15-18, 21-23, 25-27, 30-33, 36-38, 40-42, 45-46, TROMPOWER et al disclose a computer-readable medium of instructions and associated method, an access point and communications network for use with mobile wireless user terminal, said network comprising (referring to figure 1):

a packet-switched core network (network 104); and

a plurality of access points (108) coupled to said core network(104), each said access point (108) provide any said user terminal (114, 106) with communications access to said core network (104) when said any user terminal becomes affiliated with said access point, and including an address resolution protocol cache which store information representative of affiliation between said user terminal and said access points, and each said access point update its address resolution protocol cache (look-up tables 556) with new registrations of a said user terminal when that said user

Art Unit: 2616

terminal becomes affiliated with said access point, and further issue an address resolution protocol request which cause other said access points to update their respective address resolution protocol caches to indicate that said user terminal has changed its affiliation to said access point (TROMPOWER et al teach "the base stations 108 are programmed to transmit a registration request acknowledgment packet to a requesting mobile terminal/pager in the event the mobile terminal/pager is registered. At the same time, the base stations 108 are programmed to update the contents of their respective look-up tables 556 to reflect the new registration. In addition, the base stations 108 are programmed to broadcast a new registration packet onto the system backbone 104 indicating to the other devices on the system backbone 104 that a mobile terminal/pager has become newly registered therewith and specifically identifying the particular mobile terminal/pager. This broadcast packet is received by each of the other base stations 108 as well as the pager server 112. This information is used by other devices to update their respective look-up table 556 and 405. For example, the base station 108 with which the mobile terminal/pager was previously registered would receive the broadcast packet and recognize that the mobile terminal/pager is no longer registered to it. Hence, the base station 108 is programmed to clear the entry from the look-up table 556. In the case of a LAN 102 in which source routing is used, such information relating to where the mobile terminal/pagers are now registered is used to change any source routing

Art Unit: 2616

information within the base station 108 to the extent appropriate, column 20, lines 40-65, figure 1)

Although TROMPOWER et al does not teach the packet switched core network is an IP network, mobile Internet communication protocol is well known in the art and is taught by LEE et al.

It would have been obvious to those having ordinary skill in the art at the time of the invention was made to implement the teaching of TROMPOWER et al in a mobile Internet communication network.

Conclusion

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Art Unit: 2616

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brenda Pham whose telephone number is (571) 272-3135. The examiner can normally be reached on Monday-Friday from 9:00 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar, can be reached on (571) 272-7488.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-2600.

November 11, 2006
Brenda Pham